

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

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Claim 1. (previously presented) A golf ball comprising:

a center;

a thread winding layer comprising at least one thread, said at least one thread has a specific gravity greater than 1.2, and wherein said thread winding layer is disposed over said center creating a core; and

a cover, wherein said cover is disposed over said core.

Claim 2. (previously presented) The golf ball of claim 1, wherein said thread is comprised of a thermoset material having a specific gravity greater than 1.2.

Claim 3. (previously presented) The golf ball of claim 1, wherein said thread is comprised of a thermoplastic elastomer (TPE) material having a specific gravity greater than 1.2.

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Claim 4. (previously presented) The golf ball of claim 1,  
wherein said thread comprises at least one high specific  
gravity filler having a specific gravity greater than 5.6.

Claim 5. (previously presented) The golf ball of claim 2,  
wherein said thread further comprises at least one high  
specific gravity filler having a specific gravity greater  
than 5.6.

Claim 6. (previously presented) The golf ball of claim 3,  
wherein said thread further comprises at least one high  
specific gravity filler having a specific gravity greater  
than 5.6.

Claim 7. (originally presented) The golf ball of claim 4,  
wherein said high specific gravity filler is selected from  
the group consisting of tungsten, bismuth, copper, bismuth  
oxide, nickel, cobalt, Iron/steel, tin, chromium, zinc,  
bismuth subcarbonate, cupric oxide, barium tungstate,  
cuprous oxide, ferrous oxide and zirconium dioxide.

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Claim 8. (originally presented) The golf ball of claim 5, wherein said high specific gravity filler is selected from the group consisting of tungsten, bismuth, copper, bismuth oxide, nickel, cobalt, Iron/steel, tin, chromium, zinc, bismuth subcarbonate, cupric oxide, barium tungstate, cuprous oxide, ferrous oxide and zirconium dioxide.

Claim 9. (originally presented) The golf ball of claim 6, wherein said high specific gravity filler is selected from the group consisting of tungsten, bismuth, copper, bismuth oxide, nickel, cobalt, Iron/steel, tin, chromium, zinc, bismuth subcarbonate, cupric oxide, barium tungstate, cuprous oxide, ferrous oxide and zirconium dioxide.

Claim 10. (originally presented) The golf ball of claim 4, wherein said high specific gravity filler is tungsten.

Claim 11. (originally presented) The golf ball of claim 5, wherein said high specific gravity filler is tungsten.

Claim 12. (originally presented) The golf ball of claim 6, wherein said high specific gravity filler is tungsten.

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Claim 13. (withdrawn) A method of making a thread winding layer having a high specific gravity filler comprising the steps of:

mixing a rubber and its components and a high specific gravity filler to form a mixture;

calendering said mixture;

sheeting said mixture;

curing said mixture; and

slitting said mixture into strips.

Claim 14. (withdrawn) The method according to claim 13, wherein said high specific gravity filler is selected from the group consisting of tungsten, bismuth, copper, bismuth oxide, nickel, cobalt, Iron/steel, tin, chromium, zinc, bismuth subcarbonate, cupric oxide, barium tungstate, cuprous oxide, ferrous oxide and zirconium dioxide.

Claim 15. (withdrawn) The method according to claim 13, wherein said high specific gravity filler is tungsten.

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Claim 16. (withdrawn) A method of making a golf ball  
having high specific gravity threads comprising the steps  
of:

mixing a rubber, curatives and a high specific gravity  
filler to form a mixture;

calendering said mixture;

sheeting said mixture;

curing said mixture;

slitting said mixture into strips to form at least one  
heavy thread;

wrapping said heavy thread around a center forming a  
core; and

disposing a cover upon said core.

Claim 17. (withdrawn) The method according to claim 16,  
wherein said high specific gravity filler is selected from  
the group consisting of tungsten, bismuth, copper, bismuth  
oxide, nickel, cobalt, Iron/steel, tin, chromium, zinc,  
bismuth subcarbonate, cupric oxide, barium tungstate,  
cuprous oxide, ferrous oxide and zirconium dioxide.

Claim 18. (withdrawn) The method according to claim 16,  
wherein said high specific gravity filler is tungsten.

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Claim 19. (previously presented) A method of making a golf ball having high specific gravity threads comprising the steps of:

wrapping at least one thread having a specific gravity greater than 1.2 around a center forming a core; and  
disposing a cover upon said core.

Claim 20. (previously presented) The method of claim 19 further comprising the step of adding a high specific gravity filler to said at least one thread.

Claim 21. (previously presented) The method according to claim 20, wherein said high specific gravity filler is selected from the group consisting of tungsten, bismuth, copper, bismuth oxide, nickel, cobalt, Iron/steel, tin, chromium, zinc, bismuth subcarbonate, cupric oxide, barium tungstate, cuprous oxide, ferrous oxide and zirconium dioxide.

Claim 22. (previously presented) The method according to claim 20, wherein said high specific gravity filler is tungsten.

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Claim 23. (previously presented) A golf ball comprising:

a center;

a thread winding layer comprising at least one thread,  
said thread winding layer having a specific gravity greater  
than 0.94;

at least one high specific gravity filler having a  
specific gravity greater than 5.6 in said at least one  
thread, wherein said thread winding layer is disposed over  
said center creating a core; and,

a cover, wherein said cover is disposed over said  
core.

Claim 24. (previously presented) The golf ball of claim  
23, wherein said high specific gravity filler is selected  
from the group consisting of tungsten, bismuth, copper,  
bismuth oxide, nickel, cobalt, Iron/steel, tin, chromium,  
zinc, bismuth subcarbonate, cupric oxide, barium tungstate,  
cuprous oxide, ferrous oxide and zirconium dioxide.

Claim 25. (previously presented) The golf ball of claim 23  
wherein the ball formed has a calculated Moment of Inertia  
of Ball from 12.4 - 13.4 (g-in<sup>2</sup>).

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Claim 26. (previously presented) The golf ball of claim 23 wherein the thread layer has a thickness from 0.05 - 0.35 inches.

Claim 27. (currently amended) The golf ball of claim 23 wherein said center diameter can range from 1.00 - 1.48 inches.

Claim 28. (previously presented) The golf ball of claim 23 wherein said center weighs from 15 - 35 grams.

Claim 29. (previously presented) The golf ball of claim 23 wherein the core size can range from 1.48 - 1.68 inches.

Claim 30. (previously presented) The golf ball of claim 23 wherein the core weight is from 30 - 40 grams.

Claim 31. (previously presented) The golf ball of claim 23 the diameter of the ball is from 1.58 - 1.78 inches.

Claim 32. (currently amended) The golf ball of claim 23 wherein the weight of the ball is from 40 - 50 grams.

Claim 33. (previously presented) The golf ball of claim 23 wherein the specific gravity of the center is from 1.2 - 1.3.



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Claim 34. (previously presented) The golf ball of claim 23 wherein the thread layer weight is from 2.5 - 25.0 grams.

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Claim 35. (previously presented) A golf ball comprising:  
a center, wherein said center weighs from 15 - 35 grams;

a thread winding layer comprising at least one thread, said thread winding layer having a specific gravity greater than 0.94;

at least one high specific gravity filler having a specific gravity greater than 5.6 in said at least one thread, wherein said high specific gravity filler is selected from the group consisting of tungsten, bismuth, copper, bismuth oxide, nickel, cobalt, Iron/steel, tin, chromium, zinc, bismuth subcarbonate, cupric oxide, barium tungstate, cuprous oxide, ferrous oxide and zirconium dioxide, wherein said thread winding layer is disposed over said center creating a core; and,

a cover, wherein said cover is disposed over said core and the diameter of the ball is from 1.58 - 1.78 inches and has a calculated moment of inertia from 12.4 - 13.4 (g-in<sup>2</sup>).

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